

GIS BUFFER REVIEW AND ANALYSIS

Pad Name: SCHMERGE 9-4HZ Requested: Completed: Revised (if applicable):

Columns in red are formulas

PROPOSED HZ WELL NAME	OFFSET WELL NAME	OFFSET WELL STATUS (Do not include AL)	OFFSET WELL API # (if applicable)	OPERATOR NAME OF OFFSET WELL	DISTANCE IN FEET FROM PROPOSED WELL TO OFFSET WELL (based upon directional survey from drilled wellbores and deviated drilling plan for permitted wellbores)	IS THE DISTANCE MEASURED FROM VERTICAL OR HORIZONTAL SECTION OF WELLBORE?	WILL AN ANTI-COLLISION NOTICE BE NEEDED (PER RULE 408.1)? [status PR, SI & TA only] look out 200' for potential	WILL A STIMULATION SETBACK CONSENT WAIVER BE NEEDED (PER RULE 408.u)? [status PR, SI & TA only]	Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation (Codl & Nio same) ignore plugged wells	Distance from proposed wellbore to nearest existing or permitted wellbore belonging to another operator (including plugged wells)	C2C DISTANCE
SCHMERGE 4-1HZ									SCHMERGE 4-2HZ 573'	MILKSHAKE 31W-20-17N 410'	
	RANCHO WATER VALLEY 8	PR	05-123-36432	EXTRACTION OIL & GAS INC	0	VERTICAL					437
	RANCHO WATER VALLEY 9	PR	05-123-36431	EXTRACTION OIL & GAS INC	0	VERTICAL					844
	RANCHO WATER VALLEY 12	PR	05-123-36430	EXTRACTION OIL & GAS INC	0	VERTICAL	YES				170
	RANCHO WATER VALLEY 5	PR	05-123-36427	EXTRACTION OIL & GAS INC	0	VERTICAL					1456
	LIND 2-6	SI	05-123-26249	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					277
	LIND 21-6	PR	05-123-26248	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					912
	LIND 29-5	PA	05-123-26010	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					329
	LIND 13-32	PA	05-123-25998	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1085
	LIND 4-6	SI	05-123-25780	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					232
	LIND 3-6	SI	05-123-25779	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					253
	PAVISTMA 4-22	PA	05-123-29996	KERR MCGEE OIL & GAS ONSHORE LP	1	VERTICAL					50
	LIND 1-6	PA	05-123-26000	KERR MCGEE OIL & GAS ONSHORE LP	40	HORIZONTAL					262
	LIND 31-5	PA	05-123-26009	KERR MCGEE OIL & GAS ONSHORE LP	109	HORIZONTAL					906
	LIND 4-5	PA	05-123-25999	KERR MCGEE OIL & GAS ONSHORE LP	112	HORIZONTAL					256
	LIND 8-6	PA	05-123-26002	KERR MCGEE OIL & GAS ONSHORE LP	112	HORIZONTAL					1574
	LIND 17-6	PA	05-123-26001	KERR MCGEE OIL & GAS ONSHORE LP	112	HORIZONTAL					882
SCHMERGE 4-2HZ									SCHMERGE 4-3HZ 310'	RANCHO WATER VALLEY 9 367'	
	RANCHO WATER VALLEY 9	PR	05-123-36431	EXTRACTION OIL & GAS INC	0	VERTICAL					351
	RANCHO WATER VALLEY 5	PR	05-123-36427	EXTRACTION OIL & GAS INC	0	VERTICAL					962
	FRANK 3-5	SI	05-123-29626	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					420
	LIND 21-6	PR	05-123-26248	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					361
	LIND 31-5	PA	05-123-26009	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					293
	LIND 8-6	PA	05-123-26002	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					980
	LIND 17-6	PA	05-123-26001	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					311
SCHMERGE 4-3HZ									SCHMERGE 4-2HZ 310'	THORNTON 1 251'	
	RANCHO WATER VALLEY 5	PR	05-123-36427	EXTRACTION OIL & GAS INC	0	VERTICAL					412
	FRANK 3-5	SI	05-123-29626	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					522
	LIND 21-6	PR	05-123-26248	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					292
	LIND 31-5	PA	05-123-26009	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					158
	LIND 8-6	PA	05-123-26002	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					826
	LIND 17-6	PA	05-123-26001	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					173
	RANCHO WATER VALLEY 9	PR	05-123-36431	EXTRACTION OIL & GAS INC	156	VERTICAL					210
	FRANK 18-5	PA	05-123-24884	KERR MCGEE OIL & GAS ONSHORE LP	157	HORIZONTAL					156
SCHMERGE 4-4HZ									SCHMERGE 4-5HZ 226'	RANCHO WATER VALLEY 5 267'	
	FRANK 3-5	SI	05-123-29626	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1355
	LIND 5-6	SI	05-123-26835	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					47
	LIND 6-6	SI	05-123-26832	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					74
	LIND 18-6	SI	05-123-26830	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					747
	LIND 7-6	SI	05-123-26828	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					57
	FRANK 5-5	SI	05-123-24886	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					42
	FRANK 18-5	PA	05-123-24884	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					681
	RANCHO WATER VALLEY 5	PR	05-123-36427	EXTRACTION OIL & GAS INC	30	VERTICAL	YES				154
	LIND 8-6	PA	05-123-26002	KERR MCGEE OIL & GAS ONSHORE LP	44	HORIZONTAL					50
	FRANK 6-5	SI	05-123-24883	KERR MCGEE OIL & GAS ONSHORE LP	109	HORIZONTAL					107
	PAVISTMA 4-23	PA	05-123-29999	KERR MCGEE OIL & GAS ONSHORE LP	138	VERTICAL					152
	LIND 19-6	SI	05-123-26831	KERR MCGEE OIL & GAS ONSHORE LP	195	HORIZONTAL					1865
	LIND 25-6	SI	05-123-26827	KERR MCGEE OIL & GAS ONSHORE LP	198	HORIZONTAL					612
SCHMERGE 4-5HZ									SCHMERGE 4-4HZ 226'	RANCHO WATER VALLEY 5 471'	
	FRANK 3-5	SI	05-123-29626	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1655
	LIND 5-6	SI	05-123-26835	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					202
	LIND 6-6	SI	05-123-26832	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					210
	LIND 18-6	SI	05-123-26830	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					868
	LIND 7-6	SI	05-123-26828	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					237
	FRANK 5-5	SI	05-123-24886	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					308
	FRANK 18-5	PA	05-123-24884	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					968
	FRANK 6-5	SI	05-123-24883	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					189
	LIND 19-6	SI	05-123-26831	KERR MCGEE OIL & GAS ONSHORE LP	43	HORIZONTAL					1745
	LIND 25-6	SI	05-123-26827	KERR MCGEE OIL & GAS ONSHORE LP	46	HORIZONTAL					458
	LIND 11-6	SI	05-123-26829	KERR MCGEE OIL & GAS ONSHORE LP	49	HORIZONTAL					1090
	LIND 22-6	SI	05-123-26834	KERR MCGEE OIL & GAS ONSHORE LP	50	HORIZONTAL					372
	LIND 12-6	PA	05-123-26833	KERR MCGEE OIL & GAS ONSHORE LP	53	HORIZONTAL					1077
	FRANK 22-5	SI	05-123-29104	KERR MCGEE OIL & GAS ONSHORE LP	120	HORIZONTAL					240
	FRANK 11-5	SI	05-123-29103	KERR MCGEE OIL & GAS ONSHORE LP	153	HORIZONTAL					978
	SCHMERGE 33-4	PA	05-123-23146	PDC ENERGY INC	179	VERTICAL					210
	PAVISTMA 4-23	PA	05-123-29999	KERR MCGEE OIL & GAS ONSHORE LP	187	HORIZONTAL					186
SCHMERGE 4-6HZ									SCHMERGE 4-5HZ 462'	STEPPEL 33-1U 546'	
	LIND 24-6	SI	05-123-29556	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					293
	FRANK 11-5	SI	05-123-29103	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					540
	LIND 12-6	PA	05-123-26833	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					407
	LIND 9-6	SI	05-123-26831	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1043
	LIND 11-6	SI	05-123-26829	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					430
	SCHMERGE 33-4	PA	05-123-23146	PDC ENERGY INC	51	VERTICAL					83
	LIND 25-6	SI	05-123-26827	KERR MCGEE OIL & GAS ONSHORE LP	174	HORIZONTAL					173
	FRANK 22-5	SI	05-123-29104	KERR MCGEE OIL & GAS ONSHORE LP	194	HORIZONTAL					207
SCHMERGE 4-7HZ									SCHMERGE 4-14HZ 172'	STEPPEL 43-1U 160'	
	LIND 24-6	SI	05-123-29556	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1105
	LIND 9-6	SI	05-123-26831	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					301
	LIND 10-6	SI	05-123-25708	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					334
	LIND 9-6	SI	05-123-25706	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					309
	STEPPEL 43-1U	PA	05-069-06347	PDC ENERGY INC	155	HORIZONTAL					160
	SCHMERGE 33-4	PA	05-123-23146	PDC ENERGY INC	194	HORIZONTAL					161
SCHMERGE 4-8HZ									SCHMERGE 4-14HZ 351'	JACKSON 1-DU 86'	
	LIND 24-6	SI	05-123-29556	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1508
	LIND 10-6	SI	05-123-25708	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					725
	LIND 9-6	SI	05-123-25706	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					723
	FRANK 23-6	PA	05-123-25686	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					43
	TROLLOCO 19-5	PA	05-123-24881	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					69
	LIND 19-6	SI	05-123-26831	KERR MCGEE OIL & GAS ONSHORE LP	74	HORIZONTAL					67
	JACKSON 1-DU	PA	05-069-06350	PDC ENERGY INC	90	HORIZONTAL					86
SCHMERGE 4-9HZ									SCHMERGE 4-8HZ 367'	JACKSON 1-DU 114'	
	LIND 24-6	SI	05-123-29556	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1708
	LIND 10-6	SI	05-123-25708	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					926
	LIND 9-6	SI	05-123-25706	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					924
	FRANK 23-6	PA	05-123-25686	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					253
	TROLLOCO 19-5	PA	05-123-24881	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					268
	LIND 1	PA	05-123-11044	KERR MCGEE OIL & GAS ONSHORE LP	53	HORIZONTAL					91
	JACKSON 1-DU	PA	05-069-06350	PDC ENERGY INC	79	HORIZONTAL					114
	LIND 15-6	SI	05-123-25707	KERR MCGEE OIL & GAS ONSHORE LP	112	HORIZONTAL					399
	LIND 16-6	SI	05-123-25709	KERR MCGEE OIL & GAS ONSHORE LP	145	HORIZONTAL					527

GIS BUFFER REVIEW AND ANALYSIS

Pad Name: Requested: Completed: Revised (if applicable):

SCHMERGE 9-4HZ

Columns in red are formulas

PROPOSED HZ WELL NAME	OFFSET WELL NAME	OFFSET WELL STATUS (Do not include AL)	OFFSET WELL API # (if applicable)	OPERATOR NAME OF OFFSET WELL	DISTANCE IN FEET FROM PROPOSED WELL TO OFFSET WELL (based upon directional survey from drilled wellbores and deviated drilling plan for permitted wellbores)	IS THE DISTANCE MEASURED FROM VERTICAL OR HORIZONTAL SECTION OF WELLBORE?	WILL AN ANTI-COLLISION NOTICE BE NEEDED (PER RULE 408.i)? [status PR, SI & TA only] look out 200' for potential	WILL A STIMULATION SETBACK CONSENT WAIVER BE NEEDED (PER RULE 408.ii)? [status PR, SI & TA only]	Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation (Codi & Nio same) ignore plugged wells	Distance from proposed wellbore to nearest existing or permitted wellbore belonging to another operator (including plugged wells)	C2C DISTANCE
SCHMERGE 4-10HZ									SCHMERGE 4-9HZ 601'	JACKSON 34-1U 124'	
	TROLLCO 4-8	PA	05-123-25118	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					872
	JACKSON 34-1U	PA	05-069-06348	PDC ENERGY INC	129	HORIZONTAL					124
	JACKSON 44-1U	PA	05-069-06349	PDC ENERGY INC	161	HORIZONTAL					275
	FRANK 13-6	PA	05-123-25684	KERR MCGEE OIL & GAS ONSHORE LP	182	HORIZONTAL					198
SCHMERGE 4-11HZ									SCHMERGE 4-12HZ 150'	RANCHO WATER VALLEY 5 245'	
	SHUR VIEW 22-3	PA	05-123-24072	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					568
	RANCHO WATER VALLEY 4	PR	05-123-36434	EXTRACTION OIL & GAS INC	93	HORIZONTAL					357
	RANCHO WATER VALLEY 6	PR	05-123-36433	EXTRACTION OIL & GAS INC	105	HORIZONTAL					313
	SHURVIEW USX N 03-08D	PA	05-123-30553	KERR MCGEE OIL & GAS ONSHORE LP	112	HORIZONTAL					116
	EPICENTER 4-14	PA	05-123-29977	KERR MCGEE OIL & GAS ONSHORE LP	137	HORIZONTAL					83
	SCHMERGE 43-4	SI	05-123-23144	PDC ENERGY INC	169	VERTICAL	YES				171
	RANCHO WATER VALLEY 7	PR	05-123-36429	EXTRACTION OIL & GAS INC	191	HORIZONTAL					438
SCHMERGE 4-12HZ									SCHMERGE 4-11HZ 150'	RANCHO WATER VALLEY 8 223'	
	SHURVIEW USX N 03-02D	PA	05-123-30555	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					295
	SHUR VIEW 22-3	PA	05-123-24072	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					131
	RANCHO WATER VALLEY 8	PR	05-123-36432	EXTRACTION OIL & GAS INC	176	HORIZONTAL					223
	RANCHO WATER VALLEY 9	PR	05-123-36431	EXTRACTION OIL & GAS INC	191	HORIZONTAL					567
	SCHMERGE 43-4	SI	05-123-23144	PDC ENERGY INC	198	VERTICAL					201
SCHMERGE 4-13HZ									SCHMERGE 4-12HZ 151'	SCHMERGE 43-4 174'	
	RANCHO WATER VALLEY 5	PR	05-123-36427	EXTRACTION OIL & GAS INC	0	HORIZONTAL					269
	SHURVIEW USX N 03-02D	PA	05-123-30555	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1109
	SHURVIEW USX N 03-17D	PA	05-123-30554	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					412
	SCHMERGE 33-4	PA	05-123-23146	PDC ENERGY INC	6	VERTICAL					42
	SHURVIEW USX N 03-08D	PA	05-123-30553	KERR MCGEE OIL & GAS ONSHORE LP	55	HORIZONTAL					48
	SCHMERGE 43-4	SI	05-123-23144	PDC ENERGY INC	100	HORIZONTAL	YES				174
	KNOX 32-3	PA	05-123-20645	PDC ENERGY INC	156	HORIZONTAL					162
	HSR-KNOX 10-3	PA	05-123-17671	KERR MCGEE OIL & GAS ONSHORE LP	166	HORIZONTAL					257
	SHUR VIEW 22-3	PA	05-123-24072	KERR MCGEE OIL & GAS ONSHORE LP	200	HORIZONTAL					323
SCHMERGE 4-14HZ									SCHMERGE 4-7HZ 172'	SCHMERGE 43-4 214'	
	SHURVIEW 13N-3HZ	SI	05-123-36122	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1301
	SHURVIEW 33C-3HZ	PR	05-123-36119	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					712
	SHUR VIEW 23-3	PA	05-123-24195	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					496
	HSR-KNOX 9-3	PA	05-123-19148	KERR MCGEE OIL & GAS ONSHORE LP	24	HORIZONTAL					25
	HSR-KNOX 12-3	PA	05-123-19092	KERR MCGEE OIL & GAS ONSHORE LP	26	HORIZONTAL					28
	HSR-KNOX 11-3	PA	05-123-17672	KERR MCGEE OIL & GAS ONSHORE LP	184	HORIZONTAL					57